

FORMING SYSTEM FOR THE MANUFACTURE OF NONWOVEN WEBS AND LAMINATES

Abstract of the Disclosure

A system and methods for collecting and managing air discharged from a melt spinning apparatus. The air management system includes an outer housing defining a first interior space, an intake opening for receiving the
5 discharged air into the first interior space, and an exhaust opening for discharging the air. Positioned within the first interior space is an inner housing defining a second interior space coupled in fluid communication with the exhaust opening and an opening fluidically coupling the first and second interior spaces. The air
10 management system includes a flow control device inside the first interior space that controls the flow of air from the first interior space to the second interior space and an air-directing member outside of the first interior space near the intake opening that extends in a cross-machine direction for dividing the intake opening into two portions in a machine direction.

10072550.023702